

Converting Colors

RGB(217, 247, 161)

Have a look what the booklet for
RGB(217, 247, 161) contains.

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Color

RGB(217, 247, 161)

Conversions

Conversions Part 1

Format	Color
Hex	D9F7A1
RGB	217, 247, 161
RGB Percent	85%, 97%, 63%
CMY	0.1490, 0.0314, 0.3686
CMYK	0.12, 0.00, 0.35, 0.03
HSL	81°, 84%, 80%
HSV	81°, 35%, 97%
XYZ	68.3091, 83.8465, 46.3019
YIQ	228.2260, 9.7260, -33.1060

Conversions

Conversions Part 2

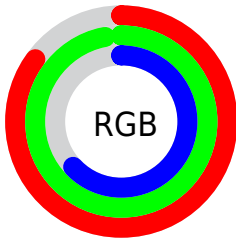
Format	Color
RYB	161, 247, 191
Decimal	14284705
CIELab	93.38, -23.61, 38.19
CIElCh	93, 44.905, 121.727
Yxy	83.8465, 0.3442, 0.4225
Android (android.graphics.Color)	4292474785 (0xFFD9F7A1)
YUV	228.2260, -33.1424, -9.8452
Hunter-Lab	91.5677, -27.0834, 34.1169

Details

The RGB color **217, 247, 161** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **191, 161, 247**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 217**, and **161, 191, 108** is the 20% darker color. If you saturate the color by 10%, you get **208, 247, 136**, and if you desaturate by 10%, it is **226, 247, 186**.

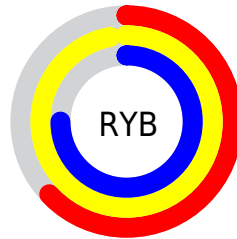
Distribution



Red (85%)

Green (97%)

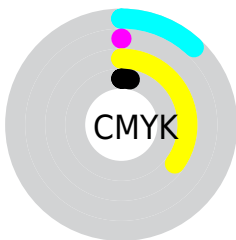
Blue (63%)



Red (63%)

Yellow (97%)

Blue (75%)

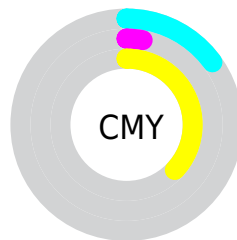


Cyan (12%)

Magenta (0%)

Yellow (35%)

Black (3%)



Cyan (15%)

Magenta (3%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 247, 161 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 217, 247, 161 by changing the saturation by 10% instead.

 217, 247, 161


255, 255, 255

 255, 255, 217


 255, 255, 245


 217, 247, 161

 189, 218, 134

 161, 191, 108

 134, 163, 83

 108, 137, 58

 82, 112, 34

 57, 87, 7

 34, 63, 0

 6, 41, 0

 0, 20, 0

■ 217, 247, 161

■ 217, 247, 161

■ 208, 247, 136

■ 226, 247, 186

■ 200, 247, 112

■ 234, 247, 210

■ 191, 247, 87

■ 243, 247, 235

■ 183, 247, 62

■ 251, 247, 255

■ 174, 247, 37

■ 255, 247, 255

■ 165, 247, 13

■ 161, 247, 0

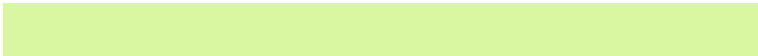
Harmonies

Analogous

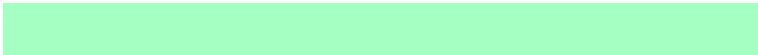
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 234, 149



217, 247, 161



166, 255, 194

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 247, 161



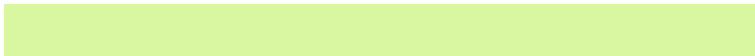
109, 251, 255



255, 203, 235

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



217, 247, 161



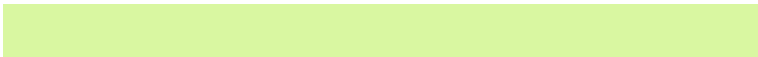
191, 161, 247

Split Complementary

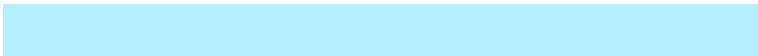
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 210, 255



217, 247, 161



179, 239, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217, 247, 161



73, 255, 255



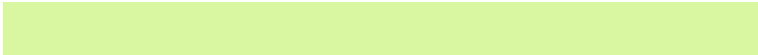
245, 224, 255



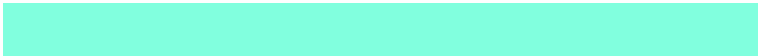
255, 207, 193

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217, 247, 161



129, 255, 222



245, 224, 255



255, 204, 250

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



217, 247, 161



246, 255, 230



247, 190, 161



122, 128, 112



0, 0, 0



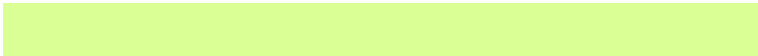
128, 128, 128

Same Dimension

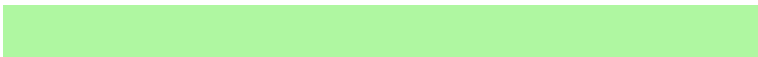
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217, 247, 161



218, 255, 148



175, 247, 161



118, 122, 110



121, 186, 0



38, 59, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



191, 161, 247



185, 148, 255



233, 161, 247



114, 110, 122



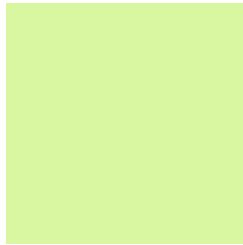
65, 0, 186



20, 0, 59

Previews

White Background



This preview shows how the RGB color 217, 247, 161 looks on a white background.

Color Contrast Check

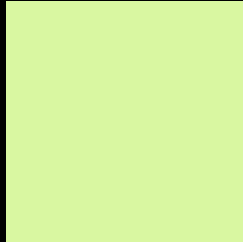
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 217, 247, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

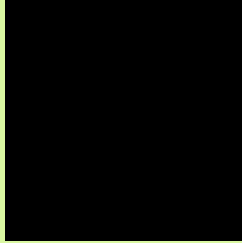
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 217, 247, 161 Background



This preview shows how black text looks on a background with the RGB color 217, 247, 161.

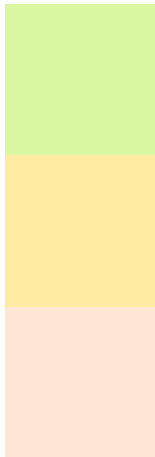


This preview shows how white text looks on a background with the RGB color 217, 247, 161.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
217, 247, 161

Protanopia
255, 235, 159

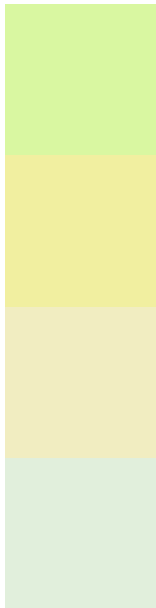
Deuteranopia
255, 232, 211



Tritanopia

230, 235, 254

Trichromacy



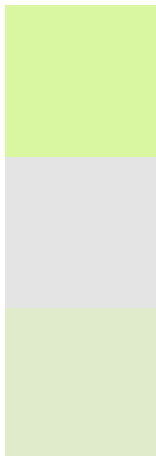
Original Color
217, 247, 161

Protanomaly
241, 239, 160

Deuteranomaly
241, 237, 193

Tritanomaly
225, 239, 220

Monochromacy



Original Color
217, 247, 161

Achromatopsia
228, 228, 228

Achromatomaly
224, 235, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 247, 161 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 247, 161)` looks like.

```
.text, #text, p{  
    color:rgb(217, 247, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 247, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 247, 161) }
```

Border

The CSS property to change the border of an element to RGB 217, 247, 161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 247, 161) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 247, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 247, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 247, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 247, 161);  
box-shadow:4px 4px 4px 4px rgb(217, 247,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 217, 247, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 247, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
247, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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